

Pit-Bench-Pattern 1
D-14-2

Submit Date

10/26/90 1:30 PM

BLAST HOLE

Hot Bench Shake
and
FIRE DETERMINATIONS

DATE: 10/29/90

NAME: V.D.W.

	FIRE	NaCN		FIRE	NaCN
	SAMPLE	AU.		SAMPLE	AU.
1.	6	.012	.011	25.	Standard ✓
2.	7		.018	26.	.009
3.	8		.014	27.	.012
4.	9		.016	28.	.006
5.	10		.012	29.	.008
6.	25	.015	.014	30.	.019
7.	26	.024	.020	31.	.029
8.	Standard ✓		.016	32.	.044
9.	27		.027	33.	
10.	28	.017	.018	34.	
11.	29		.013	35.	.031
12.	30	.021	.018	36.	.007
13.	V Pulp		.033	37.	.007
14.	52	.003	.002	38.	.030
15.	53	.002	.002	39.	.027
16.				40.	.030
17.				41.	.017
18.	54		.003	42.	Standard ✓
19.	55		.003	43.	.064
20.	71(1)	.005	.003	44.	.069
21.	71(2)		.003	45.	.069
22.	72	.011	.009	46.	.014
23.	73	.023	.019	47.	.023
24.	74	.003	.002	48.	✓5H .015

X

227

Pit-Bench-Pattern #
D-14-2

Submittal Date

10-24-90 9:00 PM

BLAST HOLE

Hot Bench Scale
and
FIRE DETERMINATIONS

DATE:

10/25/90

NAME:

W.C.

	FIRE	RACH		FIRE	RACH
	SAMPLE	AU.		SAMPLE	AU.
1.	41	.021	.019	25.	Standard ✓
2.	42	.015	.011	26.	69
3.	43		.020	27.	70
4.	44	.033	.028	28.	81
5.	45	.022	.018	29.	82
6.	46	.027	.020	30.	83
7.	47		.040	31.	84
8.	Standard ✓		.016	32.	85
9.	48	.017	.013	33.	
10.	49		.013	34.	
11.	50		.007	35.	86
12.	51	.010	.007	36.	87
13.	61	.016	.011	37.	88
14.	62	.013	.011	38.	89
15.	63	.012	.011	39.	101
16.				40.	102
17.				41.	103
18.	64	.027	.023	42.	Standard ✓
19.	65	.018	.012	43.	104
20.	66	.018	.013	44.	105
21.	67	.029	.020	45.	106
22.	V Pulp		.031	46.	107
23.	68(1)	.016	.013	47.	108
24.	68(2)		.013	48.	STL✓

Review
AP.

X

LLD

Pit-Bench-Pattern

D-14-2

Submittal Date

10/24/90 2:00p (cont.)

0116 Sage Project

BLAST HOLE

Hot Bench Shakes

and

FIRE DETERMINATIONS

DATE: 10/25/90

NAME: W.C.

	FIRE	NaCl	FIRE	NaCl
SAMPLE	AU.	AU.	SAMPLE	AU.
1. 121	.022	.018	25. Standard ✓	.015
2. 122	.010	.006	26. 517	.004
3. 123	.014	.010	27. 518	.005
4. 124	.029	.023	28. vPulp	.032
5. 501	.021	.018	29. 519	.002
6. 502	.017	.014	30. 520	.002
7. 503	.016	.013	31. Std ✓	.015
8. Standard ✓		.015	32.	
9. 504		.016	33.	
10. 505	.013	.012	34.	
11. 506	.015	.014	35.	
12. 507	.017	.013	36.	
13. 508	.012	.013	37.	
14. 509	.017	.018	38.	
15. 510		.017	39.	
16.			40.	
17.			41.	
18. 511(1)	.028	.025	42. Standard ✓	
19. 511(2)		.026	43.	
20. 512	.030	.029	44.	
21. 513	.019	.018	45.	
22. 514		.035	46.	
23. 515	.014	.012	47.	
24. 516	.012	.010	48.	

X

V.D

Pit-Bench-Pattern #
D-14-2
Submittal Date
10/26/90

BLAST HOLE
Hot Bench Shale
and
FIRE DETERMINATIONS

DATE: 10/29/90
NAME: VD (VW)

SAMPLE	FIRE	NaOH	SAMPLE	FIRE	NaOH
	Au.	Au.		Au.	Au.
1. 134		.011	25. Standard ✓		.015
2. 135		.026	26. 163	.021	.016
3. 141	.014	.009	27. 164	.018	.012
4. 142	.014	.012	28. 165	.013	.007
5. 143	.019	.015	29. 166	.033	.028
6. 144	.018	.013	30. 167		.055
7. 145	.019	.014	31. 168	.174	.165
8. Standard ✓		.014	32. 169		.067
9. 146	.014	.010	33.		
10. 147	.019	.013	34.		
11. 148	.122	.097	35. 170		.036
12. 149	.289	.219	36. 171		.035
13. 150		.159	37. 172	.070	.053
14. 151	.029	.027	38. 173	.006	.005
15. 152		.019	39. 174		.009
16.			40. 175		.005
17.			41. 549	.117	.105
18. 153	.018	.012	42. Standard ✓		.015
19. 154		.006	43. 550		.062
20. 155		.002	44. 551	.076	.073
21. V Pulp		.030	45.		
22. 161(1)	.020	.016	46.		
23. 161(2)		.016	47.		
24. 162	.015	.008	48.		

5 drops
Fluorocent X
added

X

21

Pit-Bench-Pattern 1

D-14-2

Submission Date

10/27/90 11:30A MDT

BLAST 2028

Hot Rock Brake

add

FIRE DETERMINATIONSDATE: 10/29/90⁴
NAME: KW, KD

		FIRE	BENCH		FIRE	BENCH	
	SAMPLE	AU.	AU.		SAMPLE	AU.	AU.
*	1. 184	.018	.013	23.	Standard ✓		.015
*	2. 185	.019	.013	24.	210		.082
*	3. 186	.027	.021	25.	211	.068	.056
*	4. 187	.055	.047	26.	26-1	.171	.152
*	5. 188	.131	.100	27.	26-2		.168
*	6. 189		.042	28.	813		.081
*	7. 190		.066	29.	214		.027
*	8. Standard ✓	.015		30.	215	.012	.011
*	9. 191	.160	.153	31.			
*	10. 192	.031	.027	32.			
*	11. 193		.053	33.			
*	12. 194	.007	.007	34.			
*	13. 195		.008	35.	221	.015	.012
*	14. 201	.032	.028	36.	222	.016	.013
*	15. 202	.030	.026	37.	223	.010	.008
*	16.			38.	224	.013	.010
*	17.			39.	225	.019	.016
*	18. 203	.011	.008	40.	226	.032	.025
*	19. 204	.015	.009	41.	227	.066	.054
*	20. 205	.015	.011	42.	Standard ✓		.014
*	21. 206	.077	.067	43.	228		.050
*	22. 207	.095	.072	44.	229	.041	.033
*	23. 208		.085	45.	230	.044	.039
*	24. 209		.051	46.	231	.049	.041
				47.	✓		.030
				48.	Std ✓		.044

X

22

Pit-Bench-Pattern #

D-14-2

Submittal Date

10/27/90 11:30 A

BLAST HOLE

Hot Back Shale

and

FIRE DETERMINATIONS

DATE:

10/29/90

NAME:

V.D. KW

	FIRE	NaCN		FIRE	NaCN
SAMPLE	Au.	Au.		SAMPLE	Au.
1.				25.	Standard ✓
2.				26.	
3.				27.	
4.				28.	
5.				29.	
6.				30.	
7.				31.	
8.	Standard ✓			32.	
9.				33.	
10.				34.	
11.				35.	
12.				36.	
13.				37.	
14.				38.	
15.				39.	
16.				40.	
17.				41.	
18.				42.	Standard ✓
19.				43.	
20.				44.	
21.				45.	181 .040 031
22.				46.	182 .029 022
23.				47.	183 .030 024
24.				48.	Std✓ .015

X

Y

P1t-Bench-Pattern 1

D-14-2

Submittal Date

10/27/90 11:30A Cont
* 10/28/90 9:10A

BLAST HOLE

Hot Rock Shale

and

FIRE DETERMINATIONS

DATE:

10/29/90⁵

NAME:

K.W.KD

	BLAST HOLE		FIRE DETERMINATIONS		
SAMPLE	FIRE	RACH	SAMPLE	FIRE	RACH
1. 232		.094	25. Standard ✓		.015
2. 233		.074	26. 264	.019	.016
3. 234	.026	.023	27. 265	.028	.027
4. 241	.010	.007	28. 266	.032	.027
5. 242		.009	29. ✓ 7		.030
6. 243	.029	.025	30. 267	.050	.045
7. 244	.017	.013	31. 268		.070
8. Standard ✓		.014	32. 269	.144	.122
9. 245	.049	.040	33.		
10. 246	.087	.071	34.		
11. 247		.041	35. 270	.051	.045
12. 248-1	.031	.030	36. 271	.313	.276
13. 248-2		.030	37. 272		.095
14. 249		.094	38. 273	.111	.103
15. 250	.029	.026	39. 274		.054
16.			40. 281	.017	.014
17.			41. 282	.036	.030
18. 251	.037	.030	42. Standard ✓		.015
19. 252		.138	43. 283		.024
20. 253	.141	.135	44. 284	.023	.018
21. 254		.073	45. 285	.022	.021
22. 261	.014	.012	46. 286		.035
23. 262		.012	47. 287	.042	.098
24. 263		.009	48. Standard ✓		.016

5 drops
Flocculant
added5 drops
Flocculant
added

X

LJ

Pit-Bench-Pattern

D-14-2

Submittal Date

10/25/90 1:35 PM
 BLAST HOLE
 Hot Bench Shale
 and
 FIRE DETERMINATIONS

 DATE: 10/26/90
 NAME: KW, CA, UD

	FIRE	NaCl		FIRE	NaCl
	SAMPLE	Au.		SAMPLE	Au.
1.	389	.015		25.	Standard ✓
2.	302			26.	385
3.	303			27.	402
4.	304	.044		28.	403
5.	305			29.	404
6.	306			30.	423
7.	307	.161		31.	424
8.	Standard ✓			32.	425
9.	308	.051		33.	
10.	321			34.	
11.	322			35.	426
12.	✓ Pulp			36.	427
13.	323	.018		37.	428
14.	324			38.	429
15.	325			39.	430
16.				40.	445
17.				41.	446
18.	326			42.	Standard ✓
19.	327	.121		43.	447
20.	381			44.	448
21.	382(1)	.015		45.	449
22.	382(2)			46.	521
23.	383			47.	522
24.	384	.201		48.	561 ✓

X

27

P15-Bench-Pattern 1
J-14-2

Submittal Date

10/25/90 1:35 PM

BLAST HOLE

Hot Bench Shale
and
FIRE DETERMINATIONS

DATE: 10/26/90

NAME: KEL, CLAUDE

	FIRE	RACH		FIRE	RACH
	SAMPLE	Au.		SAMPLE	Au.
1.	523		.003	25.	Standard ✓
2.	524		.002	26.	542 .019
3.	525	.002	.002	27.	543 .040
4.	526		.002	28.	544 .037
5.	527		.002	29.	545 .056
6.	528		.006	30.	546 .093
7.	529	.030	.026	31.	547 .118
8.	Standard ✓		.015	32.	548 .237
9.	530		.026	33.	
10.	531		.024	34.	
11.	532	.011	.009	35.	
12.	533		.012	36.	
13.	V Pulp		.034	37.	
14.	534	.018	.017	38.	
15.	535	.006	.004	39.	
16.				40.	
17.				41.	
18.	536		.005	42.	Standard ✓
19.	537		.008	43.	
20.	538		.005	44.	
21.	539	.036	.033	45.	
22.	540(1)	.015	.014	46.	
23.	540(2)		.015	47.	
24.	541		.013	48.	

X

27

Pit-Bench-Pattern #
D-14-2

Submittal Date

10/26/90 1:30 PM

BLAST HOLE

DATE:

10/29/90

 Hot Rock Shale
 and
 FIRE DETERMINATIONS

NAME:

V.R.KW

	FIRE	RaCH		FIRE	RaCH
SAMPLE	Au.	Au.	SAMPLE	Au.	Au.
1. 6		.011	25. Standard ✓		.015
2. 7		.018	26. 90		.006
3. 8		.014	27. 91		.009
4. 9		.016	28. 92		.004
5. 10		.012	29. 93		.005
6. 25		.014	30. 109		.016
7. 26		.020	31. 110		.024
8. Standard ✓		.016	32. 111		.038
9. 27		.027	33.		
10. 28		.018	34.		
11. 29		.013	35. 112		.026
12. 30		.018	36. 113		.007
13. V Pulp		.033	37. 114		.007
14. 52		.002	38. 125		.025
15. 53		.002	39. 126		.023
16.			40. 127		.023
17.			41. 128		.012
18. 54		.003	42. Standard ✓		.015
19. 55		.003	43. 129		.056
20. 71(1)		.003	44. 130		.061
21. 71(2)		.003	45. 131		.062
22. 72		.009	46. 132		.008
23. 73		.019	47. 133		.023
24. 74		.002	48. ✓564		.015

X

18M